Farmers Federation News

Vol. XXXI, No. 9 MAY, 1951

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Farmers Federation News

VOL. XXXI, No. 9 MAY, 1951

Published Monthly By The Farmers Federation News, Inc.
131 Roberts Street Asheville, N. C.

Don A. Biggerstaff, *Editor* James G. K. McClure, *Assoc. Editor*
Rev. Dumont Clarke, *Lord's Acre Editor*

Entered as second class matter November 1, 1921, at Asheville, under Act of March 8, 1879. Subscription Price: Three Years, $2.50.

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News From The Front

By JAMES G. K. McCLURE

Don Biggerstaff, Editor of Farmers Federation News

THIS will welcome Don A Biggerstaff as Editor of the Farmers Federation News. Mr. Biggerstaff was raised in Gaston County and graduated from State College in 1949. He taught Vocational Agriculture at Mount Holy before coming with the Farmers Federation, January 1, 1951. Since coming with the Farmers Federation he has held promotion meetings with G. I. classes and Future Farmer classes in many of the Western counties. He has also attended our stockholders' meetings in 17 counties and become well acquainted with the program and vision of the Farmers Federation. We think that Don Biggerstaff can be very helpful to all members of the Farmers Federation in developing the wonderful program of development which the Farmers Federation has in action. He understands the difficulties of marketing, and he is ready to pitch right in and help us with our marketing program and with our merchandising program, and we feel sure that every member of the Federation will welcome Don Biggerstaff as the editor of the News.

Mr. McClure

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Get Ready For The Picnics

THE Farmers Federation will again offer a $100 first prize for the best number at the Farmers Federation Picnics this summer. There will also be a second prize of $50 and a third prize of $25. So get ready for the big Farmers Federation Picnics which will start July 4. Max Roberts and Jamie Clarke will be in charge of these picnics this year.

• • •

Farm Implements In Five More Counties

THE Farmers Federation has just made arrangements to handle the Oliver Farm Implement line in five more counties—McDowell, Burke, Caldwell, Rutherford and Polk.

At the Marion warehouse a repair shop is being set up and a complete line of parts is being put in. Service men will be ready to service farm implements in this entire territory. The repair shop will be ready for any major repairs. This, we believe, will be a new and important service to our members east of the Blue Ridge. We already have a headquarters for Oliver parts with a repair shop at Asheville. This will give us a repair shop for both the east side and the west side of the Blue Ridge. An opening of this new quarters will be announced before very long, when the first carload of implements arrives. We plan to have a Field Day Demonstration at this time, and we hope that as many members as possible in McDowell, Burke, Caldwell, Rutherford and Polk Counties will attend this Field Day Demonstration.

It's Up To Us

THE American people have been shocked and staggered by the newspaper headlines during the last few weeks. In big type on the front pages of our American newspapers day after day rotten things have been brought to light. We have had a picture of sordid interests controlling our local government. We have learned of gamblers and other monsters growing rich on the weaknesses and vices of mankind and controlling city patronage. We have learned of a White House secretary with an $8,000 mink coat, we have learned of some of the nation's top basketball players accepting money to enrich gamblers, we have seen men inside government and outside government using subterfuge and trickery to gain money and advantage. Many of these operations cannot be construed as illegal. As Senator Fullbright says, "Some of these men operate through lawyers—men who are known as clever lawyers—a cleverness which is like the instinct of the rat. It knows how to get the bait without getting caught. Many men employ these knavish lawyers to circumvent the law and enrich themselves at government expense."

Now then, what are we going to do about it? It is up to us. We cannot make laws to cover all the averice and trickery. We cannot make laws to restrain a man from betraying a friend or betraying his own government. In short, we cannot make laws which will prevent much of the evil to which men are, unfortunately, too prone.

But what we can do is the thing that has made this country. That is, everyone of us can sharpen up his conscience a little more and strive a little harder to follow the clear leadings of his own conscience.

It may be that all of us have been a little too apt to overlook minor dishonesties, petty gambling and a lot of the little irregularities which creep in to the administration of government or justice or business.

Just for a moment, let us remember that the most valuable cargo brought over on the Mayflower was not the food, not the muskets and not the clothing, but it was the unseen and unlisted cargo, the conscience, of a few of those stalwart men who brought the ideals that have created America and lighted up the world.

This world of ours can only get better as individuals listen to the guidance of their own individual conscience and steadily try to eliminate the dirty, underhanded, questionable practices that are such great temptations to men. Just as radar has enabled our senses to become far more sensitive and to pick out dangers at far greater range, so we must develop our own consciences in America so that they are sensitive at a far greater range and in all directions to the dangers that beset this republic.

As Senator Fullbright says, the vast majority of great civilizations have been destroyed not as a result of external aggression, but as a consequence of domestic corruption.

Fortunately, we in America know subconsciously that we must listen to the voice of conscience. We also subconsciously know that we will only have freedom and happiness and prosperity as we follow a pillar of cloud by day and a pillar of fire by night. And one thing more, as the breadth of our knowledge increases, the sensitive feelers of conscience must always go along with it.

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Ewart Ball Resigns

EWART BALL has resigned as editor of the Farmers Federation News. He has carried this responsibility with ability for four years. One feature of the News that he has helped to develop is the pictures. He certainly has given us a lot of very fine pictures during the years. Our best wishes will go with Ewart Ball in whatever field he enters, and we can assure any members of the Federation that if they need good pictures taken Mr. Ewart Ball is the man to get hold of.

• • •

New Officers Elected

WE had a well attended annual stockholders meeting and a wonderful speech from Dean David S. Weaver of the State College Extension Forces. Some new officers were put in by the directors, and we're sure that this will interest all the stockholders. The directors decided that the Federation has grown to such a size that we should have two vice-presidents. The officers for the coming year are as follows:

President, James G. K. McClure; Vice-President, R. Church Crowell; Executive Vice-President and Sales Manager, James McC. Clarke; Secretary-Treasurer, Charles W. Davis; Manager and Assistant Secretary, Guy M. Sales; Assistant Treasurer and Office Manager, Joseph Higdon.

An Executive Committee was elected as follows:

James G. K. McClure, H. A. Osborne, L. L. Burgin, R. C. Crowell, R. A. Crowell, C. C. Cook, Charles W. Davis, James McC. Clarke, D. M. Snelson, Grover Brown.

These are the men that the directors and stockholders have trusted with the Farmers Federation for the coming year. We hope you will all give them your full support.

• • •

Roads In The Mountains

It costs more to build roads in the mountains than it does in the Piedmont and Eastern part of the state of North Carolina. In fact, I am informed by the Highway Department that it costs us five times more per square yard of cement road than it does in the Piedmont. Please make careful note of this fact.

The apportionment of money for roads in the state of North Carolina does not take into consideration the much higher cost of roads in our mountain counties. All we people in the mountain counties will have to do a little job of educating the legislators from all over the state to the fact that we should have a little higher proportion of the State Highway funds, because it costs so much more to build roads in the mountains.

Running Water Protects Farm Health

By Herbert C. Angster

THE need for farmers to protect their health and that of their families is more important today than it has ever been before. International developments and tension between East and West only too clearly indicate that the day of total resource and manpower mobilization in the United States is not far off.

The man on the farm is being called on to increase his output of food for the free world. At the same time, he faces a scarcity of helping hands. In view of this, a sickness on the farm will mean much more than the loss of one person's effort. It will mean a heavy extra load for the others to carry, others who already will be doing a Herculean task.

The importance of running water under pressure to the American farmer in the difficult times ahead is to be emphasized by the National Association of Domestic and Farm Pump Manufacturers. The Association has designated the month of May, 1951, as National Water Systems Month.

The theme will be "Produce More Food—Produce Better Food; Save Labor — Guard Health." Power companies, county agents, and water systems dealers will all do their part in showing the farmer the advantages of installing an electric water system on his property.

Running water — and plenty of it — is the key to fighting disease. The farmer who has an electric water system now has the best ally in preventing disease or infection among the members of his family.

In addition to increasing his dairy, poultry, and stock production, a plentiful supply of water permits greater cleanliness about the farmer's house and barns.

Running water on the farm opens the way for the benefits and conveniences of bathrooms, showers, automatic washers, and plenty of hot water.

Running water lightens labor—saves steps. It has been estimated the average farm housewife spends 30 days a year carrying 20 tons of water 75 miles when there isn't running water available.

A plentiful supply of water makes more frequent bathing possible, a definite health safeguard. Cleanliness depends upon frequency of bathing as well as thoroughness in washing. Homes without running water use about six to eight gallons of water per person per day. When running water is available, this amount increases to as much as 40 gallons a day.

An electric water system makes possible the installation of a modern, time-saving, economical water heater. Thus, hot water, perhaps the greatest health-giving agent next to sunlight, is readily available to combat sickness and the resultant loss of man power.

Water, when supplied through an enclosed system of pipes, can be more easily safeguarded against contamination than water in the open. Likewise, running water provides the most sanitary and convenient way of disposing of waste material.

Unprotected water supplies account for the fact that typhoid is far more prevalent in rural areas than in urban. Dysentery and other intestinal disorders are also more prevalent in areas with unprotected water than in those with an enclosed water system.

A child born in a home with running water has a ten per cent better chance to live than one born in a home without this necessity.

Running water reduces the time spent on farm chores. Washing dairy implements is made easier with it. A thorough hosing is the best and quickest way to clean out stalls, vats, tanks, and milk and ice houses.

An electric water system is a self-liquidating investment. It is a necessity, not a luxury. The farmer uses a binder only several days a year, a plow only several weeks a year. A water system is used every day and night of the year.

The farmer is every bit as convinced that his way of life is the only way as the city dweller is certain that urban life is best. That is a matter of opinion. What is not a matter of opinion is the inevitable responsibility of the farmer to do for himself what metropolitan agencies do for the city person.

One of the most important of these responsibilities is maintaining good sanitation conditions. The farmer must maintain a private water supply, a private system for disposing of waste, a private milk supply, and, for the most part, a private food supply. Because of

(Continued on page 12)

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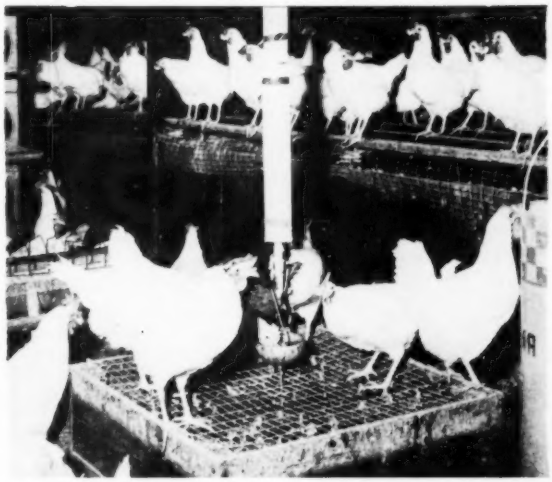
Running Water Spells Profit To Poultrymen

By John O'Donnell



AUTOMATIC WATERERS as shown above will greatly increase the laying ability of hens and bring more money into the poultryman's pocketbook.

IF the poultry business had a dictionary all its own, running water would be defined as "the means to increased egg production and profits." The significance of water supply to poultrymen lies in the simple fact that two thirds of an egg is water.

The modern electric water system, with all its other advantages, brings handsome profits to poultry raisers, whether they own only a few chicks or operate on a commercial scale with several large henhouses. Expanding rural power lines has put electric water systems within the reach of almost every farmer's barnyard and pocketbook.

Drinking habits of poultry are much different than those of other farm stock. Chickens drink often, but consume only small quantities at a time. Therefore, they need a 24-hour, 'round-the-clock supply. With more water available, they drink more, eat more and consequently their egg production is greater — by eight to 10 per cent and sometimes more.

Next to monkeys, chickens are the craziest people. Chickens, like humans, have definite preferences regarding their drinking water. We like it cold. When we have to drink warm water, we don't drink as much as we would if it were cold. Similarly, chickens won't drink as much water if the temperature doesn't suit them. Unlike humans, hens like warm water — at temperatures ranging from 50 to 60 degrees. They'll drink cold water, but since they don't prefer it, won't drink as much as they will when it's warm. This fact is important because for every pound of feed a layer eats it must drink two pints of water. Therefore, there not only must be an adequate supply of water but it must suit the layer's taste to get maximum egg production.

Experiments conducted recently at the University of Illinois proved that egg production is geared to water temperature. It was found that hens with warm water available all winter averaged about 96 eggs each. Hens whose drinking water was warmed only part of the time averaged about 88 eggs and those that got only cold water all winter averaged 81 eggs per layer.

Home-made and other non-automatic heaters are helpful but they cannot be expected to give the maximum production benefits offered by properly controlled poultry water warmers. There are two types of poultry water warmers in common use. One is the immersion heater which is completely automatic and placed directly in the drinking water. The other is the non-immersion type which is usually manufactured in the form of a stove. The water vessel or fountain sits on top of this heating unit which is not usually equipped with automatic controls.

Particularly popular among the large flock owners are watering troughs which have thermostatical-

(Continued on page 12)

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Running Water A "Must" In Mass Hog Production

HERBERT C. ANGSTER

ANY farmer who has raised hogs will tell you that plenty of pure water will do amazing things for your hog production. As with all living bodies, water is an essential constituent of all the tissues and fluids in the hog's body and generally represents more than half that body's weight.

Water also is necessary for the growth and repair of cell tissues, or, to put it another way, it is necessary for the hog to grow steadily and free from disease.

One man, Russell Talmadge, of Kendallville, Indiana, who is successfully raising hogs on a large scale despite earlier advice not to attempt it, can't say enough for running water in hog production. His hogs experienced great weight increases and he reports that 25 per cent of the increase can be directly attributed to running water.

How much water is needed by the pig varies. It will require more in summer than in winter. It will require more on a full ration than it will on one that is limited. If its diet is rich in protein, it will need more water than when the diet is carbonaceous.

Mr. Talmadge was warned of the large number of deaths hog raisers encounter when many pigs are kept close together. He finally decided that good sanitary conditions made the difference between success and failure.

HALF OF A HOG'S BODY, live weight, is water. Plenty of running water—at the right temperature in the winter—is necessary for healthy stock on the modern farm. Fall pigs make from 15 to 20 per cent cheaper gains when they have all the running water they can drink than fall pigs without the advantages of an electric water system.

His answer was to install running water and well-plumbed hog houses. If hogs were kept clean and dry, he reasoned that raising many would be as easy as raising few, and the profits would be greater.

Mr. Joe D. Wise, of Sac County, Iowa, plows his pipe under ground and then removes in the fall. In the spring, he plows a good deep furrow right through the fields to the hog pasture. The pipe is then hooked up and the furrow plowed shut.

To remove it in the fall, he runs the plow so that the blade just barely touches the top of the pipe. Running the tractor in low at slow speed, he rarely has trouble with the joints by being careful.

The fact remains that no matter what method of mass raising hogs is used, the presence of running water is a "must" for increased production.

The amount of water hogs drink has a direct relation to the weight they achieve. Weight is a main determining factor in the price they will bring on the market. It's as simple as that.

In addition, today's situation makes it more than likely that labor will grow increasingly scarce, even on the farm. Prices are already high, and will go higher. As prices go higher, costs must be kept down.

On this very important subject, Mr. Tamladge says, "Four pounds of feed will produce one pound of pork, **if the hogs have plenty of water.**

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FREEZER-LOCKER NEWS

By W. O. BARNARD, JR.

Raise Your Own Beef, Hogs And Chickens

WITH the increase in prices from day to day we will have to conserve in order to protect our standard of living.

For the family of four, the following meat is an average consumption per year: One beef weighing about 700 pounds on foot, dressing out 55 per cent, or 385 pounds and allowing cutting loss of 15 per cent will give us 327 pounds of steaks, roasts, hamburger and stew meat to be placed in our freezer locker or home freezer.

Two hogs weighing 225 pounds on foot will dress out 175 pounds each, giving enough pork to last one year. The hams and bacon being cured will average around 100 pounds from the two hogs. Due to the freezing qualities of pork, we recommend one hog being killed in the Fall of the year and the other in the early Spring. Hogs dressing out 175 pounds to 200 pounds will give the largest portion of lean meat and the smallest percentage of fat. The above weight hogs will also be cheaper to raise pound for pound comparing the amount of edible pork to the required feed for raising. Meat from hogs weighing 500 pounds cost us twice as much per pound to raise as porkers weighing 200 pounds.

The family of four will eat the following amount of poultry per year—48 fryers, weighing two pounds dressed, ten hens weighing four to five pounds each, two turkeys and an assortment of meat such as ducks, pheasants, capons, etc.

Consider the taste of your family and raise enough meat to keep your locker full for best advantage. A half-filled home freezer costs more to operate than a full home freezer. Protect your family from the rise in costs of living.

Mr. Fuller Continues To Bring In Elk

Mr. R. B. Fuller again this year brought the Asheville Freezer Locker an elk he killed in Wyoming weighing 1200 pounds. Some of this elk meat was given to me and I have found it has even better keeping qualities than beef.

Mrs. Fuller tells me she cooked

(Continued on page 14)

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For BEEF and PORK Protection . . .

TITE LAMINATED HOME ROLL

"The Face Is Familiar..."

Producers of fresh fruits and vegetables, like the producers of practically everything else, are being called on for increased supplies.

This same thing happened during the last war, and growers and distributors delivered the goods. As a result, the produce industry earned and has held a position of greater importance in the national food picture.

So two long-range objectives — financial soundness for the industry and improved service to consumers—were furthered.

It looks like the same thing is beginning to happen all over again.

Once again the produce industry is faced with the responsibility of improving its **performance.**
Once again the produce industry is offered the opportunity of **improving** its position.

This situation calls for practical application of the **very same principles** progressive groups have been emphasizing for years. These fundamental principles are not revolutionary, or even new. But they are essential to the successful completion of the job at hand:

1. The production of varieties most useful in meeting the nation's food needs.
2. Increased efficiency in every phase of production, grading and packing.
3. Constant efforts by growers and distributors to eliminate damage, waste and spoilage.
4. Constant efforts by growers and distributors to get produce to the consumer at the peak of its quality and freshness.
5. Constant efforts to improve the distribution process by shortening the route, reducing handling and speeding movement.
6. More effective advertising and promotion of produce to create more uses and greater demand.

In other words, the situation calls for constant, cooperative efforts involving every segment of the industry, and covering every step from the beginning of production to the consumer's market basket.

The "face" of this program is certainly familiar. But we of the Atlantic Commission Company sincerely believe such a program will best enable the produce industry to meet its new responsibilities and promote its future well-being.

Atlantic Commission Company

Affiliate of

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Running Water Important To High Milk Production

By Herbert C. Angster

HOW important is running water to American dairies? Well, just for the record, let's look at some figures.

To begin with, milk is 87 per cent water. Now, how much milk do dairies produce in a year's time?

Milk production for 1949 totaled 119,136,000,000 pounds. This brought an income to dairymen of $3,781,617,000 that year.

When you think of 87 per cent of all that milk as water, you begin to get a general idea of how important water and lots of it is to the folks who produce this milk.

And that doesn't include the additional millions of gallons of water required to aid in producing this milk.

So, you see, running water is a basic ingredient not only of the product but also of the actual economic life of the farmer.

With electricity now available to 4,750,000 of the 6,010,522 farms in the United States, effecient and economical electric water systems become the answer to increased production and profits.

Milk cows require a plentiful supply of fresh, clean water. In fact, the more water a cow drinks, the greater its yield. A cow's daily average water requirement is 25 gallons, but this will go as high as 40 gallons, especially on a very hot day.

Cows watered two or three times daily drink about 40 per cent more water than those watered only once daily. They also give considerably more milk as a result. On the other hand, the milk yield of cows decreases more rapidly from lack of water than from lack of food. Cows require about three and one-half times as much water as they do food.

A single cow will produce about an average of 400 pounds more milk when running water is available all the time than it will when watered only once or twice daily.

In one instance, a herd of 23 Jersey cows produced 12,511 pounds of milk in a six-months period on a farm not equipped with an electric water system. During a similar period after an electric water system had been installed, this same herd produced 15,628 pounds of milk. This increase of 3,117 pounds or 24 per cent was also accompanied by an average increase in butterfat of 17.7 pounds.

Obviously, an electric water system does much to increase the dairy profits. As to cost of operation, an extra pint of milk produced daily will pay for the electricity needed to supply water to a large herd for that day.

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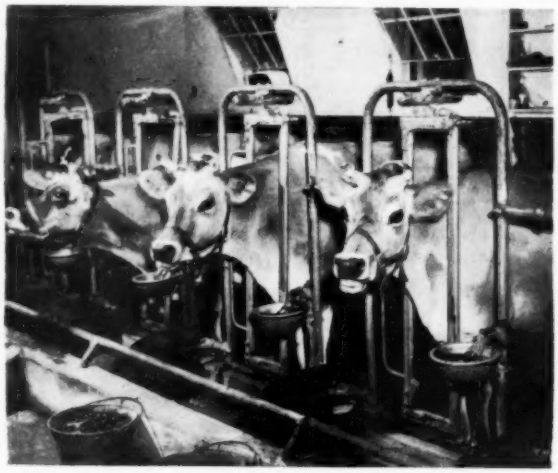

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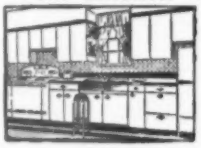

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THE ASHEVILLE CITIZEN
THE ASHEVILLE TIMES

"Dedicated to The Upbuilding of Western North Carolina"

Woman's Page

By Mrs S. C. Clapp

A NEW IDEA IN HOUSEKEEPING

DO you have the aluminum foil habit?. It really is the new idea in housekeeping! There are so many uses for it that make cleaning, cooking and many other household tasks easier. There are many available brands in the stores, so get a roll and try it. We have thought of it as a help in wrapping frozen foods but there are many other uses for it.

The aluminum foil is not poisonous, it doesn't effect the taste of food and there is no odor to be transferred to foods.

One of the nicest uses of the foil is for baking. Ham, chicken, turkey and fish are so juicy and tender when they are baked in the foil. Wrap the prepared meat in the foil and follow directions for baking; cutting down the baking time. It is not necessary to cook as long as the foil holds in the steam. Then the nice part of it is that there are no dirty, sticky pans to scour.

Another good use of the foil is to line the burners of the electric stove. This saves the hard cleaning of the burners. The drip pan may be lined with it also to save scrubbing time.

Cover dishes in which food is stored in the refrigerator. The foil is merely placed over the container and pressed down snugly until it hugs the sides.

Fresh fruits and vegetables remain crisp longer because the aluminum prevents drying out. At last, we have found a way for saving half of an onion! This foil is excellent for keeping refrigerator rolls, pie crust and other doughs and batters which are kept before being used.

Food may be wrapped in foil to carry on picnics and it makes excellent containers for salads and other picnic foods.

Tooth brushes and damp wash cloths can be wrapped in foil. This means protection for the luggage when traveling. And last, it can be used for decoration purposes. Wrap flower pots like the florist does, it makes the pot attractive and gay but protects the furniture by preventing moisture from dripping on the table. The aluminum foil habit is a time saving one.

DID YOU KNOW THAT?

A difficult situation can be avoided in getting children up to go to school? Go to the child's room and talk of something pleasant about the day that lies ahead. Stop nagging them to "get up." Most children need the reassurance of their parents to begin a new day.

That you can save much time and keep things neater by using the large paper bags that the grocer uses. Place all burnable trash such as paper in one bag and burn it when it is filled. Use one for tin cans and keep them separate from the other trash. Then place a large bag over the floor mop. it protects the mop and prevents dust and dirt from falling as you go from room to room.

HAVE YOU TRIED THIS?
PORK CHOPS IN MUSHROOM SAUCE

(Mrs T. J. Hunter, Swannanoa, N. C.)

4 pork chops
1 can cream mushroom soup.

Brown chops in cold pan. Remove from pan, pour soup into pan and put chops back into soup. Cover tightly and cook over low heat for 20 minutes. (This is good served with mashed potatoes and green peas.)

APPLE SAUCE SALAD

(Mrs Clyde Jumper, Black Mountain, N. C.)

2 cups hot apple sauce (sweetened to taste)
Vegetable coloring, if desired
1 teaspoon cinnamon
1 tablespoon gelatine
⅓ cup cold water

Soak gelatine in cold water for five minutes. Heat apple sauce, stir in cinnamon and color a delicate green red or yellow. Add hot mixture to gelatine and pour into a ring mold. Unmold on lettuce or any salad green and fill center with seasoned cottage cheese.

ONE EGG UPSIDE DOWN CAKE

(Mrs. William Marchant, Greer S. C.)

4 tablespoons butter
1 cup sugar
1 egg (unbeaten)
2 cups sifted flour
2 teaspoons baking powder
¼ teaspoons salt
1 teaspoon vanilla
¼ cup milk

Cream fat and sugar together. Add egg. Sift dry ingredients together and mix alternately into creamed mixture with milk. Stir in vanilla.

Grease an iron skillet well with butter. Add lumps of butter and cover with brown sugar. Cut fruit on top of brown sugar. (Slices of home canned peaches produce an attractive upside down cake.) Pour batter on top of fruit and smooth it out. Bake until done and serve cake warm with whipped cream.

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"The Best Part Of The Meal"

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KANSAS CREAM
Self Rising

MUFFINS

3 tablespoons butter
3 tablespoons sugar
1 egg, beaten
¾ cup milk
2 cups self-rising flour

Cream butter and sugar, add the beaten egg and cream until light. Add the self-rising flour and milk alternately to the creamed mixture. Stir only until thoroughly mixed. Fill well greased muffin tins ⅔ full and bake in a moderate oven (400 F.) for about 30 minutes.
Yield. 8 large or 12 small muffins

Get
KANSAS CREAM FLOUR
at Your
Farmers Federation

Directors Elected At Annual Buncombe Meeting

DIRECTORS ON THE FARMERS FEDERATION were elected at the annual Buncombe County Stockholders meeting held in the Courthouse March 31. They are pictured above, left to right, first row: John Hampton, F. E. Parker, Ben Gibbs, D. P. Moss, Carl Slagle, J. D. Lawrence, President of the Columbia Bank for Cooperatives, James G. K. McClure, President of the Farmers Federation R. C. Crowell, L. L. Burgin, H. A. Osborne, John E. Ryland, C. C. Cook. Second row: Jess Noland, Guy Sales, General Manager of the Federation, Wilson Edwards, J. A. McGimsey, C. L. Smith, Cline McClure, Dewey Carpenter, J. M. Hart, Hute Snyder, F. A. Justice, Charlie Davis, Dave Sneison, James McClure Clarke, Executive Vice President. Third row: R. A. Crowell, Tom Ray, W. J. Porter, E. T. Erickson, John Breedlove, George Steele, Jack Cabe, L. S. Burnett, H. C. Enloe, W. G. English. Lower left is David S. Weaver, Director of the North Carolina Extension Service, principal speaker at the meeting and lower right is J. D. Lawrence, President of the Columbia Bank for Cooperatives, who also spoke at the stockholders' meeting.

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FLOCKOWNERS' NEWS

By GLENN D. HUNT, Manager
Farmers Federation Hatchery

THE hatchery secretary, Miss Marilou Huntley, has requested that we start a drive to see that flockowners put all the information on the egg ticket that it calls for, particularly your full name and flockowner number. Some of you may be in doubt as to what your current flock number is. Should you look on your egg report, you will find a lot number at the top of the ticket. This is your flockowner number. It is very important that you have the correct number as our records are set up according to these numbers.

We have just received a shipment of egg cases which we have had ordered for some time. These will alleviate some of the pressure and allow us to discard some of our old cases. When you pick up egg cases from your local warehouse manager, you might also ask him for egg slips should you need any. We have tried to see that they have a supply to give you. When you have to use the home-made type egg slips, it is so easy to leave out some of the data we need, so please make it a point to either ask your manager or some of us at the hatchery for some egg slips.

Egg Cellars

Warm Weather will soon be upon us and we will have to start worrying about our hatchability again. Right now is the time to consider building or constructing an egg storage place. The ideal situation is to get your eggs where they will stay around 50-55 degrees Fahrenheit with good humidity. That is why we are encouraging basements or an egg cellar built into the bank where storage can be arranged. Along with the shortage of eggs this summer and with poor hatchibility, the hatchery could certainly be put in a tight position for baby chicks, so let's get ahead of the latter problem by getting this egg cellar started. Should you want

(Continued on page 14)

He brings an Armful of Southern Courtesy, too...

The man who comes to install or repair your telephone brings something more to your home than equipment, tools and efficiency.

He brings courtesy and consideration and a genuine desire to please. He treats your home and the things in it as carefully as though they were his own—cleans up and puts everything back in place when he's finished.

He brings along the realization that he is the representative of thousands of telephone men and women you may never see—all working together to give you friendly, constantly improving telephone service at reasonable cost.

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BIGGER Cream Checks when *You* feed Omalass

Try one 50-lb. bag of Omalass. See how the cows go for that pure, sweet molasses flavor . . . how they consume more water and rough feeds right from the start. Notice how easy Omalass is to handle. And watch that milk production go UP!

Available at all Farmers Federation Warehouses.

Have you tried CATTLE MANAMAR ?

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MANAMAR FORTIFIED FEEDS CONTAIN THESE "SEA POWER" NUTRIENTS

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Boost Summer Appetites!

Get More Eggs
WITH SEMI-SOLID
"E" EMULSION!

YOUR HENS are working for you only if they're eating. USDA experiments show that when feed intake is cut to 75% of normal, egg production drops 50%; if feed is reduced to 87.5% of normal, 25% fewer eggs are laid.

Moist, Cooling Buttermilk is the base of Semi-Solid "E" Emulsion. Essential vitamins and other dairy by-products are added to "spark" appetite and digestion. Semi-Solid "E" Emulsion moistens the dry ration, moves feed through the crop faster, coaxes every chicken to eat good amounts of grain and mash.

Keep 'em Laying! Don't let your flock go into a summer slump. As little as one pound of "E" Emulsion per month will help keep a hen laying steadily for a full year's production. Get a barrel, drum or handy self-feeding boxes from your feed store or hatchery today.

CONSOLIDATED PRODUCTS COMPANY
Danville, Illinois

Division Offices: Princeton, N. J., Des Moines, Ia., Sacramento, Calif
Makers of Semi-Solid Buttermilk, Semi-Solid Emulsions and Kaff-A

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Check Tobacco Plant Beds At Least Twice A Week

Tobacco plant beds should be checked for insect damage at least twice each week, say entomologists at N. C. State College.

Cutworms, vegetable weevils, and flea beetles often are waiting for the tender young plants to come through the ground. All these pests feed on the plants. Holes and other injuries on the leaves are good indications of their presence.

A five per cent DDT dust is effective against these insects, according to George D. Jones, entomologist for the Agricultural Extension Service.

Grubworms may also show up, says Jones. Piles of dirt covering the small plants indicate that these pests are present. The grubworm is particularly likely to attack plant beds located on old bed sites or where heavy vegetation was growing during the summer months. It lays eggs during late July and August in areas where there is a heavy mat of vegetation.

DDT kills the grubworms but is slow in its action. One per cent parathion dust is very effective but should be used with extreme caution. Apply it to the infested areas of the bed, making sure some of the powder is worked into the upper surfaces. The grubs may be a problem by coming up to the surface for several days. The parathion dust may need to be repeated after a few days.

Aphids or plant lice sometimes show up on plants in the plant bed, particularly as the plants get large and approach the transplanting stage. Research workers report that these pests may move from nearby collard, turnip, cabbage, dock, or other similar plants into the tobacco plant bed. This movement will not take place until warm days come, but to be on the safe side growers should remove any such plants which may be within 50 feet of the bed site by the time the covers are taken off.

A one per cent parathion dust is very effective against plant lice. Plants treated with the dust, however, are unsafe for human handling for five to seven days.

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RUNNING WATER PROTECTS FARM HEALTH

(Continued from page 4)

this, the farmer must have a thorough grasp of information on these matters where the city dweller need know nothing of them except, generally, the price of the service or commodity for which he pays.

Installing and maintaining an effective electric water system is not the overwhelmingly expensive undertaking most farmers think it it. The initial cost of the installation will rapidly be gained back through increased profits, proven by tests to come with running water. Maintenance of the system over the years is a matter of pennies in cost. On a dairy farm, for instance, one extra pint of milk daily will usualy pay for the electricity needed to supply the herd for that day.

Latest estimates show electric service to be available to 4,261,745 of the total 6,010,522 farms in the U. S. today. Daily, it is becoming more available to the rest.

If your farm already has this service but not a system of running water (some two million farms fall into this category), it would be worth your while to talk with your local electric water systems dealer. If your farm is awaiting electric service, make plans now for your water system so that you will be ready when the power line reaches you.

Remember, the health of the farmer is now more important to himself and the rest of the country than ever before.

RUNNING WATER SPELLS PROFIT TO POULTRYMEN

(Continued from page 5)

ly controlled electric heating units. The troughs and heating equipment are sold as a complete unit which is moderately priced.

The possibility of electric water warming should be considered when wiring poultry houses for lights since a saving in wiring is then possible. One three-wire system will give light and water heating service, but a separate installation requires two two-wire circuits.

There is a time-and labor-saving element to electric water systems too. With running water, poultrymen have extra HOURS daily to devote to chores which they would otherwise not have time for. Water is also needed for cleaning poultry houses, for cleaning eggs, for the poultry dressing room, for fire protection and for many other operations around the farm and the home. Running water, then, looms as an absolute necessity for a profitable poultry operation.

Garden Notes

By Mrs. C. C. Proffitt, Asheville Garden Club

MAY, the last Spring month, when Spring bloom reaches its peak, is described by one writer as "thirty-one days of breathlessness." There is so much to see, so much to do, and so much to enjoy. In order to enjoy it to the fullest, though, we should try to get our work organized, if possible, and in that way accomplish more in a shorter time, so that we will have some time to visit other gardens and see the many perennials now coming into bloom, particularly the Iris, queen of the May flowers. Make note of varieties you would like to have, and make plans to secure them early in the season while they are fresh in your mind.

Instead of going into detail about the many garden jobs to do this month, some of which have been described already in previous articles, I shall list briefly the essential things that will need doing.

Seed Sowing

Last call for sowing outdoors all annual seeds as zinnias, Marigold, nasturtiums, etc., that were not put in last month.

Secure any perennial seed you wish to plant, so that you can sow them when the cold frame and flats are empty of the annuals by the end of the month or first of June. (This is preferred to later planting as you get better germination, and have larger plants to put out in the fall.)

Thinning and Pinching Back

When seeds have been sown too thickly either in the open ground or flats, the plants will be spindly unless some are pulled out and each plant given room to develop. Also plants like snapdragons, Petunias, Chrysanthemums, etc., need to have their tops pinched out when several inches high to make sturdier branching plants instead of tall, lanky ones.

Planting and Transplanting

All bedding plants can be put out in their permanent places now, and others that are too small may be transplanted into flats.

Old Chrysanthemum clumps should be taken up and divided at this time, or new plants put out as soon as possible in a well-prepared bed with plenty of manure worked in.

Continue planting Dahlias and gladiolus, with successive planting of the latter at two week intervals through June to give an extended blooming season.

The following Summer bulbs should be put in this month: tuberous, begonias, Caladiums, tuberoses, montbretias, Ismene (Peruvian daffodil) and Cannas.

Porch and window boxes prepared last month are ready to be planted. Remember that such plants as begonias (including tuberous) Coleus, Caladiums or ferns should be used in the semi-shady places, and blooming plants, like geraniums and Petunias for the sunny spots. Many of the house plants may be used in these boxes; others may be moved to a protected area outdoors to spend the Summer, with the exception of African violets and Philodendron, which should remain indoors.

Feeding

As plants are still growing vigorously, they will require regular applications of plant food, following instructions carefully of brand used. If soil is lacking humus, use commercial fertilizer sparingly; rather build it up with organic matter of some kind.

Dusting and Spraying

The battle is on and the first insect enemy usually to appear is the green and black aphid which feeds on the tender shoots of plants, like the tops of roses and mums. Spray with a nicotine solution. To discourage them, scatter tobacco dust around plants. For root aphids which attack Asters, put tobacco dust in holes before setting out plants.

Be on the lookout for cut worms and snails which can do great damage now to young plants. Use prepared poison bait—Snarol being a good preparation to use for snails.

Glads need to be sprayed with a DDT solution when six inches or more high to control thrip. Continue regular dusting or spraying all plants subject to leaf diseases as black-spot and midew with a good fungicide.

Staking

Don't wait until plants begin to fall over to start staking and tying up. Now is the time to get out the stakes for those plants you know will be needing them soon.

General Upkeep

As the early blooming plants like rock cress, candy tuft, Alyssum and Aubrietia finish blooming the tops should be sheared to encourage new growth to make neater plants.

Faded pansy blooms should be kept picked to keep them blooming.

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with *Armour's*

TOBACCO FERTILIZERS

Brighter, smoother leaf that brings top prices — you can make more of it this season with Armour's Tobacco Fertilizers. These time-proven tobacco producers also bring on earlier maturity, and give the leaf finer texture and exceptional curing quality.

Only the best materials available are used in Armour's Tobacco Fertilizers. Dry, easy to drill, well mixed and cured, Armour's is the South's standby for growing QUALITY tobacco. See your Armour Agent right away. Don't wait until it's too late.

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Vertagreen* **Armour's complete, balanced plant food is now available in an analysis especially prepared for truck and other high-income crops in this section. Vertagreen also comes in an analysis for lawns, flowers, shrubs, trees and garden vegetables.**

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Play Safe! Order Now!

ARMOUR FERTILIZER WORKS

FREEZER LOCKER NEWS

(Continued from page 7)

some elk meat not long ago that they had had frozen since 1948 and found it to be perfect in taste.

Although Mr. Fuller brings in an elk most every year, we understand that he is not planning a trip this year unless he is fortunate in being drawn for a moose or mountain sheep hunt in Wyoming. The best of luck to a great sportsman for this year's hunt. Mr. Fuller has been a constant patron of the Farmers Federation Freezer Locker since 1944.

Mr. Nicholson Assists All Federation Freezer Lockers

Mr. Cromer Nicholson, our very able locker manager at Brevard, is now assisting in the operation of other Federation Lockers.

On April 3, 4, 10, and 11, Mr. Nicholson traveled to the Tryon Freezer Locker to meet our customers and discuss their problems and assist them in the purchase of Western meat cuts and frozen foods.

We are most proud to have Mr. Jimmy Campbell as the manager of our Tryon plant and he expects to give our customers the best buys available in meat, poultry, frozen foods and game specialties.

Country Style Cured Hams For Sale

All eight of the Freezer Locker plants now are able to receive orders for country cured hams either with the pure hickory smoke flavor or the plain salt cure. See any manager of our Freezer Lockers and place your order now. These hams may be mailed anywhere in the world.

The Asheville plant recently mailed hams and country style bacon to England and the Netherland West Indies. By placing your orders now you will be assured of a perfect cured ham when you want it. We advise against freezing cured meat for longer than 90 days because any meat or vegetables with a high salt content will become rancid quickly when frozen.

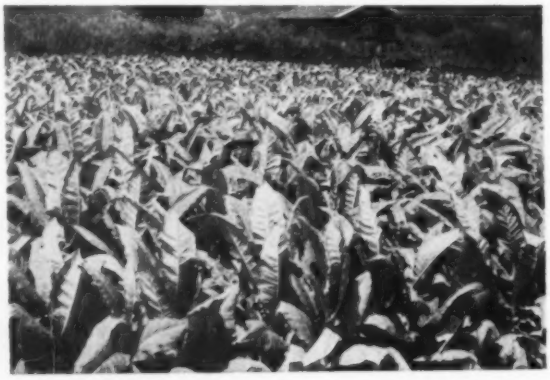
Use Correct Packaging Material

All users of lockers and home freezers should never use a substitute for the correct packaging of foods for freezing. Your Federation Locker plant spends over $10,000 per year for the highest quality locker paper available; thereby, protecting your meat and veegtables to the highest degree possible.

A test you may run yourself is to package a pound of hamburger in our locker paper and a pound of the same type hamburger in ordinary butcher paper and allow these to remain frozen for 60 days, unwrap and inspect both packages and you will find the hamburger wrapped with butcher paper to be almost colorless from dehydration and there will be as much difference in taste as appearance.

The Locker personnel is making every effort possible to have all types of containers ready for sale this Summer, but our orders are continuing to be decreased by the manufacturer, and our allotments cut. Protect your containers from last year and use them if they are in perfect condition, otherwise, do not wait until the last minute to buy your packaging material and then buy only what you will need.

Fine Tobacco Is Grown With PLANTERS



C. E. Webb, Leicester, N. C., whose tobacco crop is shown above, says, "My tobacco crop last year was grown with Planters Tobacco Fertilizer, and I don't believe I could have had as fine a crop with any other plant food."

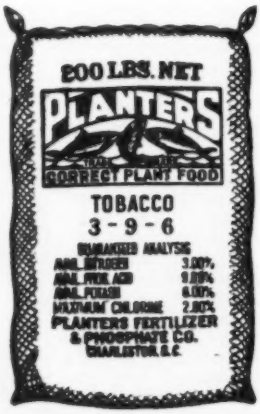
Get the Most Out of Your Land . . . . .

USE

Planters Fertilizer

FOR SALE AT ALL

Farmers Federation Warehouses



FLOCKOWNER NEWS

(Continued from page 11)

some suggestions, just drop us a card and we will be glad to come by to see you.

Growing Pullets

We now have a number of pullets out in the field being grown as replacement birds. Don't forget the necessity of feeding those growing pullets oats along with your restricted feeding program. Experiments comparing feeding values of various grains have proven that oats give birds more vitamins and minerals and more growth power than any other cereal grain. By the time the birds are 10 weeks old, they should be fed as much oats as they will clean up in around 15 minutes. Should your premises be clean, we suggest throwing the oats on the ground and using the hopper space entirely for feeding growing mash. The V-trough hopper is very satisfactory, allowing about three inches per bird.

Happy Home

Should it be that a clean, warm brooder house has a direct bearing on successfully grown pullets, and we sincerely believe it does, Mr. Ray Lail of Granite Falls, North Carolina will have success. I congratulate Ray as a new flockowner and on having an excellent situation in which to brood his chicks. If Ray continues to show the zest and interest in the poultry industry as he has so far, as a poultryman he is bound to be successful.

The Country Church With The Lord's Acre Plan

By REV. DUMONT CLARKE

Rural Life Sunday has been observed by many churches on Sunday April 29. Other churches will have their observance on a Sunday in May. A well-prepared service for this occasion will help greatly to give a deeper understanding of a truly Christian farm life.

Soy Beans on Forty Acres Raised For Illinois Church

Forty acres of land were rented by New Bethel Presbyterian church at Salem, Illinois, and members and friends of the church plowed and disced in two days, planting soy beans. When the harvest was in there was a cash return of approximately $1,500. This money was used to buy a new furnace and to finance the building of a basement.

I feel that the spiritual values were prominent. It gave the folks confidence that here, in the Lord's Acre plan was a way that opened up to them their life-long dream, the ability to hire a full-time minister. The men told me that it also benefited them, that in working with each other they got to know each other better.

Plans are already under way to rent another plot of land, and we also plan to have each farm family carry out a Lord's Acre project.

Rev. George Eberhard
Student Pastor.

The Methodist Church Places Lord's Acre Filmstrips

Now it can be seen as well as heard! The story of the Lord's Acre plan has been recorded on color film by the Reverend Marvin Judy of the Harrison County Larger Parish in Missouri and produced by the Board of Missions and Church Extension of the Methodist Church.

In this film, the story of the Lord's Acre begins with its historical roots in the Bible and progresses, step by step, through the film to a glorious harvest. The laying of plans, choosing of goals, selecting of committees, family participation, various types of projects, on-the-spot success stories—all these and many more are presented in glowing color as the film unfolds.

As wonderful as this filmstrip is, it would not be complete without the very effective script that accompanies it. The story of each frame is told simply and realistically.

This filmstrip is not strictly Methodist. It can be used by any denomination. Other than the title frame listing the producer's name, the word "Methodist" appears only one time and only then in referring to Mr. Judy's affiliation.

No rural congregation can see this filmstrip and not have a greater desire to serve their Lord through the Lord's Acre plan.

Rev. James E. Hankins
Piney Flats, Tennessee

A Gathering Of Lord's Acre Returns

MACON COUNTY—W. P. Martin writes: "We are getting along well with the Lord's Acre program at Burningtown Baptist Church. We have raised about $400 and are counting upon about $200 more from dedicated standing timber. We are hoping to get out of debt on our building program this year."

SWAIN COUNTY—John Breedlove writes: "Through our Lord's Acre plan the McMahan boys had one acre of corn which yielded 64 bushels and brought $128. You may be pleased to learn that High Tower Baptist Church raised $292 for the Baptist Orphanage through the Lord's Acre plan."

McDOWELL COUNTY — Under the leadership of Luther Holland, Pleasant Hill Methodist Church made a beginning with the Lord's Acre plan last year and turned in $125 from both adult and children's projects for the building fund.

THE SCRIPTURE-PRAYER VERSE FOR MAY

This is the day which the Lord hath made; we will rejoice and be glad in it. Psalm 118:24.

HEARTENING ADVANCES IN THE LORD'S ACRE MOVEMENT

The evidences of God's blessing upon the Lord's Acre Movement multiply with each succeeding year. The Movement, based on a Biblical pattern, is so fundamental for developing constructively working churches and for nurturing spiritual vitality, that faith in its continued and permanent growth is fully justified.

Mr. Clarke

One of the notable advances this year is the action taken by the Methodist Church—the largest Protestant denomination in America—of placing Lord's Acre filmstrips across the nation and of urging their early promotional use by country churches.

Another notable advance is the beginning of the Lord's Livestock Movement under the very favorable auspices of "Breeder's Gazette", with its 200,000 circulation. This Movement springs from the Lord's Acre Movement, and progress in each will reinforce the other.

Another advance is the preparation by the religious department of a publication entitled, "The Lord's Acre Movement Advances". This publication will be sent all over the nation. It will undoubtedly have great promotional influence.

Still another advance is the strong emphasis given to the use of the Lord's Acre plan by many Negro religious extension leaders in the South. These leaders who have been trained by, and who are partly supported by interdenominational Home Mission agencies, are especially concerned for the upbuilding of Negro rural churches.

These are some of the fresh evidences of God's blessing upon the Lord's Acre Movement. In view of these evidences and in view of the great spiritual and material need for the continued growth of the Movement, we trust that members of rural churches everywhere will take prompt, constructive action toward the prayerful, well-managed use of the dedicated project plan.

Members of New Bethel Presbyterian Church and other farmers with tractors having plows and disc harrows attached, lined up to prepare forty acres of land for planting soy beans. Please see article above.

The boys and girls of the Francis Cove 4-H Club, Haywood County, gained $87 from their roasting corn project for their Union Church.

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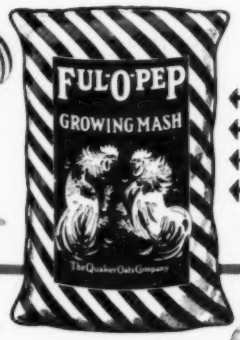

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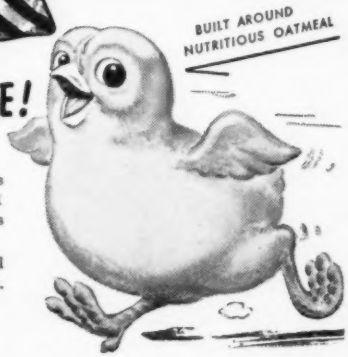

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